



Campaign Service

BULLETIN

IMPORTANT SERVICE INFORMATION FOR:

- ✓ SERVICE MANAGER
- ✓ SERVICE ADVISOR
- ✓ TECHNICIAN
- ✓ PARTS DEPARTMENT
- ✓ WARRANTY PERSONNEL

BULLETIN NUMBER:
CB18-H-001

ISSUE DATE:
APRIL 2018

GROUP:
BRAKE

SAFETY RECALL V1801



CV

BRAKE SWITCH INSPECTION

AFFECTED VEHICLES

- 2018MY Isuzu NPR Vehicles with 4JJ1 Diesel engines
- 2019MY Isuzu NPRHD, NPRXD Vehicles with 4HK1 Diesel Engines

See the attached VIN list.

INFORMATION

CONDITION

The affected vehicles were equipped with a new brake switch and nylon retainer. In production, the brake switch retainer tabs may not have been fully secured into the steel brake pedal assembly bracket. An unsecured tab could allow the switch and retainer to detach from the bracket. If the switch and retainer become detached, the brake lights will illuminate whether or not the brake pedal is depressed, the shift interlock will not operate and the accelerator pedal input will be disabled, causing the vehicle to lose power and increasing the risk of a crash.

CORRECTION

Isuzu dealers are to inspect and, if necessary, replace the retainer clip to address this concern. This service will be performed **free of charge**.

VEHICLES INVOLVED

Involved are a limited number of Model Year 2018 NPR vehicles with 4JJ1 Diesel engines and 2019 NPRHD, NPRXD (4HK1) Isuzu N-Series vehicles with 4HK1 Diesel engines. See the attached VIN list.

Important: Dealers are to confirm vehicle eligibility prior to beginning repairs by using the Isuzu Vehicle Inquiry System (IVIS).

For dealers with involved vehicles, a report of involved vehicles containing the complete vehicle identification number has been or will be provided. Dealers will not have a report available if they have no involved vehicles currently assigned.

PARTS INFORMATION

Dealers with affected vehicles will be shipped replacement retainer clips in order to complete any necessary repairs at **no charge**. Dealers may submit for a claim for parts mark-up reimbursement as a sublet allowance. See Claim Information for details.

SERVICE PROCEDURE

1. Locate the brake switch on the front of the brake pedal bracket. (See Figure 1) The brake switch is installed into the retainer clip (See Figure 2) which is installed onto a flat metal plate on the brake pedal bracket. Ensure to properly illuminate the area with a drop light.



Figure 1



Figure 2

2. Push the brake switch towards the passenger side and then towards the driver side (See Figure 3) to determine if the retainer clip lifts up and forms a gap on either side from the flat metal plate (See Figure 4).
 - a. If the retainer clip **does not** lift up and form a gap, then the clip is fully seated and the campaign **is complete**. Proceed to the “Applying the Campaign Label” section.
 - b. If the retainer clip **does** lift up and form a gap on either side, proceed to Step 3.

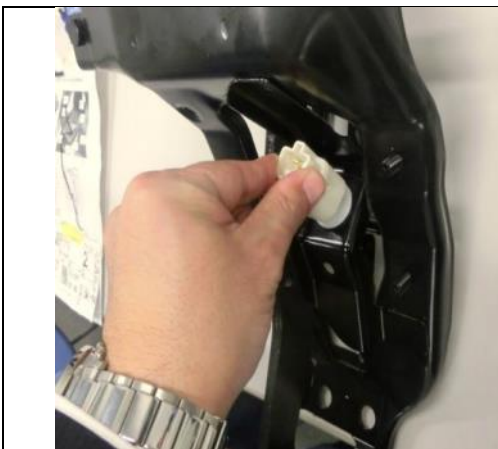


Figure 3

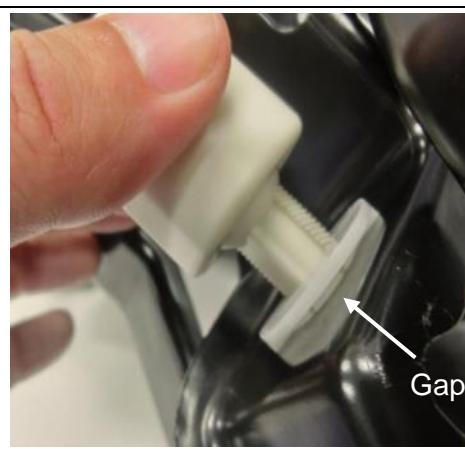
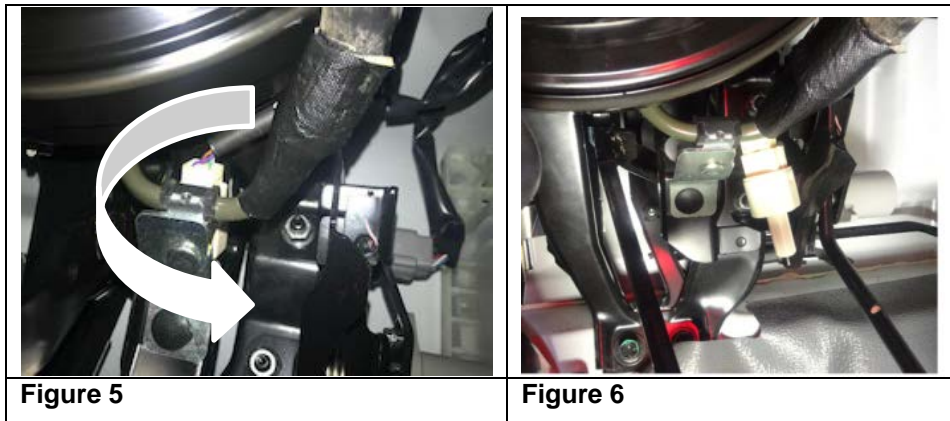


Figure 4

3. Remove the brake switch by turning it counter-clockwise until it stops, then pulling it straight out. (See Figures 5 and 6).

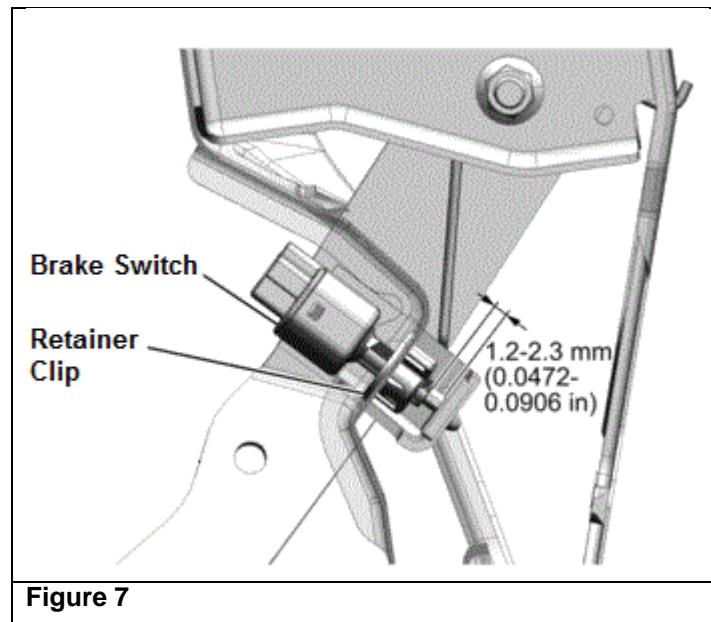
Note: There is no need to disconnect the electrical connector.



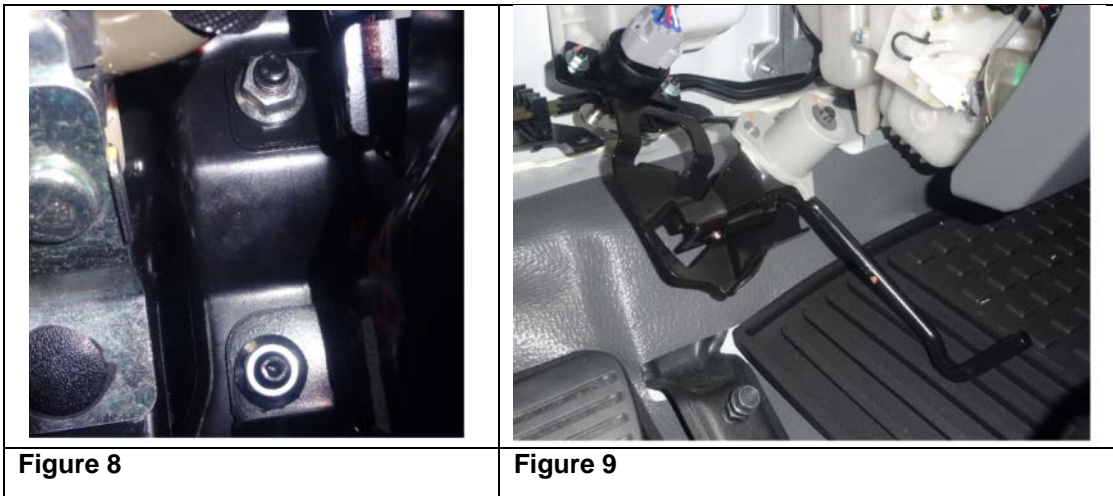
4. Push inward on the retainer clip with a fingertip – an audible click may be heard.
5. Reinstall the brake switch by inserting the switch into the retainer clip opening, then push inward until the tip of the threaded portion of the switch makes contact with the pedal side bracket. This will depress the brake switch, but not the brake pedal. Rotate the switch clockwise approximately 45° while contact is being made.

Note: Make sure NOT to depress the pedal with the switch when it makes full contact.

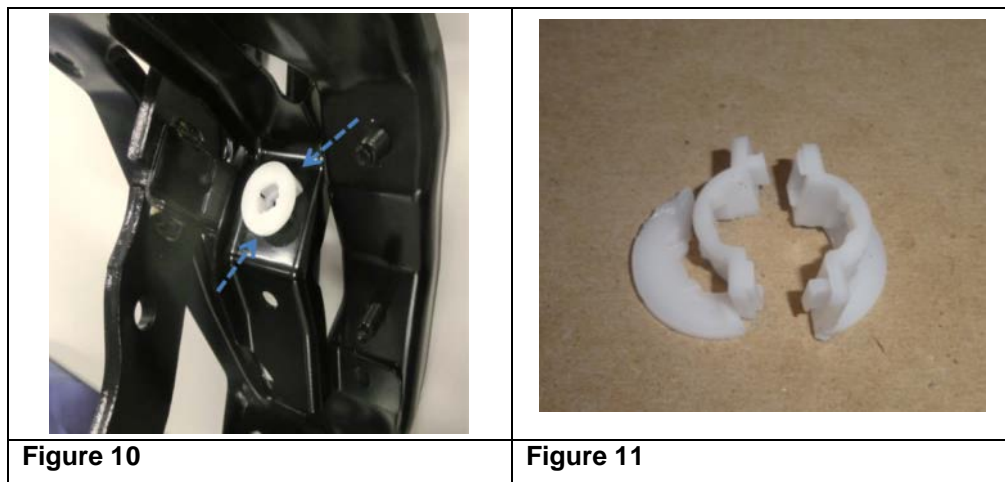
A gap (1.2 to 2.3 mm) between the tip of the threaded portion of the switch and the pedal side bracket will be made automatically when the switch is locked into place by turning. (See Figure 7) This gap is the correct brake switch adjustment.



6. Repeat Step 2 to determine if the retainer clip lifts to form a gap. (See Figures 3 and 4)
 - a. If the retainer clip **does not** lift up and form a gap, then the clip is fully seated and the campaign **is complete**. Proceed to the “Applying the Campaign Label” section.
 - b. If the retainer clip **does** lift up and form a gap, proceed to Step 7.
7. Remove the two (2) accelerator pedal position sensor assembly nuts and set the assembly off to the side with the electrical connector still connected. (See Figures 8 and 9)



8. Remove the brake switch as outlined in Step 3.
9. Using a flat-head screwdriver, break off the top round flange of the retainer clip to allow the complete removal of the clip. (See Figures 10 and 11) Carefully inspect the entire area to ensure that any broken pieces of the clip are completely removed and discarded.



10. Install the **new** retainer clip by pushing it firmly in place with a fingertip – an audible click should be heard.
11. Reinstall the brake switch as outlined in Step 5.
12. Repeat Step 2 to determine if the retainer clip lifts to form a gap. (See Figures 3 and 4) If the retainer clip is still lifting to form a gap, repeat Steps 8 through 11.

13. Reinstall the accelerator pedal position sensor assembly with the two (2) nuts removed in Step 7. Ensure that the position sensor arm is correctly located in the opening in the bottom of the accelerator pedal. (See Figure 12)

Tightening Torque: 20 N·m (14 lb·ft)



Figure 12

14. Proceed to Applying the Campaign Label.

APPLYING THE CAMPAIGN LABEL

1. Using a ball-point pen, fill in a campaign label (Part No. 2-90028-700-0) with Campaign Number (V1801), Isuzu dealer code, and repair date.
2. Affix the campaign label onto the driver's side B-pillar.



CLAIM INFORMATION

Submit a Campaign Claim with the information indicated below.

Labor Code	Description	Labor Hours	Sublet Allowance
V1801	Brake Switch – Inspection & Repair	0.4	\$0.65

*Includes 0.1 hours for administrative allowance

Refer to the Isuzu ICS Claims Processing Manual for details on Campaign Claim Submission.

DEALER RESPONSIBILITY

Dealers are to service all vehicles subject to this program at no charge to customers, regardless of mileage, age of the vehicle, or ownership. Customers who have recently purchased vehicles sold from your vehicle inventory, and for which there is no customer information indicated on the dealer listing, are to be contacted by the dealer. Arrangements are to be made to make the required correction according to the instructions contained in this bulletin. A copy of the customer letter is provided in this bulletin for your use in contacting customers. Program follow-up cards should not be used for this purpose, since the customers may not as yet have received the notification letter.

In summary, whenever a vehicle subject to this program enters your vehicle inventory, or is in your dealership for service, you must take the steps necessary to be sure the program correction has been made before selling or releasing the vehicle.

Important:

As required by Federal law, dealers are not to deliver any new vehicle in their inventory, which is covered by a Safety Recall, until the necessary remedy has been performed.

Dealers are to confirm vehicle eligibility prior to beginning repairs by using the Isuzu Vehicle Inquiry Systems (IVIS). Not all vehicles may be involved.

For dealers with involved vehicles, a listing of involved vehicles containing the complete vehicle identification number has been or will be provided. Dealers will not have a report available if they have no involved vehicles currently assigned.

OWNER NOTIFICATION

A limited number of affected vehicles have already been retailed. Notification letters will be sent to owners of affected vehicles already retailed in the United States and Canada in the near future. A sample copy of the owner letter will be provided to dealers once it has been approved by NHTSA. In the meantime, Isuzu will attempt to inform owners of affected vehicles already retailed of this safety recall by alternative means (for example, by telephone).